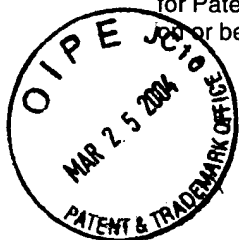
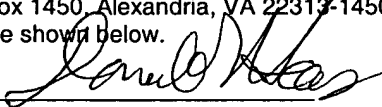


PATENT
TH1754 (US)
DFH:EM

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Donald F. Haas
Date: March 23, 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of)
JOHN F. KNIFTON, TALMADGE G. JAMES,)
PAUL R. WEIDER, JOSEPH B. POWELL,)
EDWARD L. NIELSEN, and)
GLENN C. KOMPLIN)
Serial No. 10/676,682) Group Art Unit: 1621
Filed October 1, 2003)
REDUCTION OF THE VISCOSITY OF)
REACTIVE HEAVY BYPRODUCTS DURING)
THE PRODUCTION OF 1,3-PROPANEDIOL)
March 23, 2004

COMMISSIONER FOR PATENTS
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

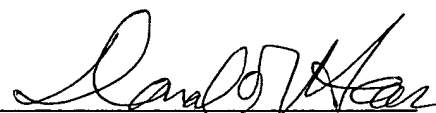
INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.56 AND 1.97

It is respectfully requested that the documents listed on the attached Form PTO-1449 be
considered by the Patent and Trademark Office in the above-entitled application and made of record
therein. Full text copies of the relevant documents are enclosed.

The Examiner is requested to indicate consideration of this art on the attached PTO-1449
(Modified) by initialing next to each item submitted by the Applicant.

Respectfully submitted,

JOHN F. KNIFTON, TALMADGE G. JAMES,
PAUL R. WEIDER, JOSEPH B. POWELL,
EDWARD L. NIELSEN, and
GLENN C. KOMPLIN

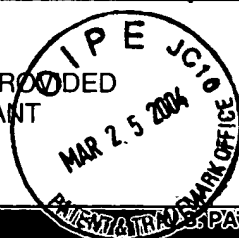
By 
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FORM PTO-1449 (Modified)

ATTY. DOCKET NO.
TH1754 (US)APPLICATION NUMBER
10/676,682LIST OF INFORMATION PROVIDED
BY APPLICANT

(Use several sheets if necessary)

APPLICANT
J. F. Knifton et al.FILING DATE
October 1, 2003GROUP ART UNIT
1621

REFERENCE DESIGNATION

PATENT DOCUMENTS							
Examiner Initial		Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
	AA	Ser. No. 08/550,589	10/31/95	Lam et al.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL	WO 97/16250	5/9/97	World	B01J	31/20		
	AM							
	AN							
	AO							

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AR	International Search Report of March 2, 2004
	AS	
	AT	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

- The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
- This is not a representation that a search has been made.